

# Values On The Line

## Project Learning Tree Activity #19

### Program of Studies

#### Math:

- M-6-PS-1 (Collect, organize, analyze, and interpret data in a variety of graphical methods, including line plots, line graphs, bar graphs, and stem and leaf plots.)
- M-7-PS-1 (Collect, organize, analyze, and interpret data in a variety of graphical methods, including circle graphs, multiple line graphs, double bar graphs, and double stem and leaf plots.)
- M-8-PS-1 (Collect, organize, analyze, and interpret data in a variety of graphical methods (e.g., circle graphs, scatter plots, box and whisker plots, histograms).)

#### Social Studies:

- SS-6-G-3 (Evaluate the impact of human settlement and the interaction of humans with their environments.)

### Core Content

#### Math:

- MA-M-3.1.2 (Meaning of dispersion (range, cluster, gaps, outliers).)
- MA-M-3.1.3 (Characteristics and appropriateness of graphs (e.g., bar, line, circle), and plots (e.g., line, stem-and-leaf, box-and-whiskers, scatter).)

#### Social Studies:

- SS-M-4.4.4 (Individual perspectives impact the use of natural resources (e.g., watering lawns, planting gardens, recycling paper).)

#### Science:

- SC-M-AC-2 (Describe the individual's roles and responsibilities in the following areas: changes in populations, resources and environments including ecological crises and environmental issues, natural hazards, science and technology in society, and personal and societal issues about risks and benefits.)